

Serial No. 09/782,792  
September 19, 2003  
Response to Office Action of May 21, 2003  
Page 2 of 8

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claim 1 (previously presented): A multilayer inductor comprising:  
a plurality of magnetic layers stacked on each other;  
through-holes formed in the stacked magnetic layers; and  
a plurality of coil conductor patterns disposed between the plurality of magnetic layers and spirally connected to each other via the through-holes;  
wherein the area of a projected plane of a circuit of each coil conductor pattern on a main surface of respective ones of the plurality of magnetic layers is in a range from about 35% to about 75% of the area of the main surface of the respective ones of the plurality of magnetic layers.

Claim 2 (previously presented): A multilayer inductor according to Claim 1, further comprising at least one nonmagnetic element disposed in the vicinity of the plurality of coil conductor patterns in the plurality of magnetic layers.

Claim 3 (previously presented): A multilayer inductor according to Claim 1, further comprising external electrodes provided on ends of the multilayer inductor.

Claim 4 (original): A multilayer inductor according to Claim 3, wherein the coil conductor patterns include lead out portions which are connected to respective ones of the external electrodes.

Claim 5 (original): A multilayer inductor according to Claim 1, wherein the magnetic layers are substantially disk-shaped.

Serial No. 09/782,792

September 19, 2003

Response to Office Action of May 21, 2003

Page 3 of 8

Claim 6 (original): A multilayer inductor according to Claim 1, wherein the projected plane of the circuit of the coil conductor patterns on the main surfaces of the magnetic layers is substantially ring-shaped.

Claim 7 (original): A multilayer inductor according to Claim 1, wherein an air gap or a cavity is disposed inside one of the plurality of coil conductor patterns.

Claim 8 (original): A multilayer inductor according to Claim 1, wherein selected ones of the plurality of coil conductor patterns have substantially C-shaped configurations.

Claim 9 (original): A multilayer inductor according to Claim 1, wherein selected ones of the plurality of coil conductor patterns have substantially J-shaped configurations.

Claim 10 (original): A multilayer inductor according to Claim 1, wherein a width of each of the plurality of coil conductor patterns is at least about 0.7 mm.